

IN THE CLAIMS

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42. (original) An optical code detector for detecting an information code from an optical signal carried on an optic fiber, the optical signal having a header portion containing the information code encoded with different levels of light and a data portion, the optical code decoder comprising:

a plurality of optical storage devices coupled to the optical fiber, each of which stores a segment of the information code and emitting the light encoding the segment;

an optical detector unit for each segment of the information code, each of the optical detector units being exposed to the segment light and each having:

a first photo detector having an anode and a cathode;

a second photo detector having an anode, a cathode, the anode of the second photo detector being coupled to the cathode of the first photo detector, and the cathode of the second photo detector being coupled to the anode of the first photo detector; and

a light emitter array optically coupled to the optical detector units.

43. (original) The optical code detector of claim 42 wherein the first photo detector is coupled to a first reverse bias element and the second photo detector is coupled to a second reverse bias element.